



INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification 7:

A1

(11) International Publication Number:

WO 00/45125

(43) International Publication Date:

3 August 2000 (03.08.00)

(21) International Application Number:

PCT/SE00/00024

(22) International Filing Date:

G01B 11/29, 11/30

10 January 2000 (10.01.00)

(30) Priority Data:

9900276-8

28 January 1999 (28.01.99)

SE

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(81) Designated States: AU, CA, JP, NZ, US, European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE).

Published

With international search report.

Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.

In English translation (filed in Swedish).

(54) Title: METHOD OF DETERMINING AN ILLUMINATED SURFACE

(57) Abstract

Method of determining surface a illuminated by incident light. First the intensity (I₁(x,y)) of light reflected from the surface is recorded in a first image of the After this, the surface. intensity $(I_2(x,y))$ of light reflected from the surface is recorded in a second image of the surface, taken at a different angle of illumination. Only the diffusely reflected light is recorded. The difference between the recorded intensities of the first and the second images is determined to obtain a representation that emphasises variations in gradient of the surface. This representation is further processed by signal-adapted integration to a topographic description, that is, a height function of the surface.

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